| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|--|---------------------|---------|------------------|
| S1 | 1 | LeFebre.in. and electrophore\$ | US-PGPUB; USPAT; USOCR | OR | ON . | 2007/05/31 09:54 |
| S3 | 1 | "6277258".pn. | USPAT | OR | ON | 2007/05/31 10:57 |
| S4 | 13 | Giddings-John-C.in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/31 11:03 |
| S5 | 26 | ("4737268" "5630924" "5716852" "572 6404" "5726751" "5747349" "5748827" "5750015" "5800690" "5837115" "592 2210" "5932100" "5948684" "5971158" "5972710" "5974867" "5993632" "600 7775" "6067157" "6136272" "6171466" "6221654" "6277258" "6294063" "636 8871" "6387707").PN. | USPAT | OR | ON | 2007/05/31 11:04 |
| S7 | 362 | S6 and ((microchannel or channel or microcapillar\$4 or capillar\$4) with inlet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2007/06/01 07:42 |
| S6 | 3889 | (microchannel or channel or microcapillar\$4 or capillar\$4) with (electrode with (transvers\$5 or orthogonal\$4 or perpendicular\$2)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/01 07:42 |
| S8 | 80 | S7 and (charg\$3 near2 (particle or molecule or species or sample)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/01 07:43 |
| S10 | 2 | "6495823".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/01 07:56 |

| S9 | | S8 and (detect\$4 with position) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/01 07:56 |
|-----|-----|---|--|---------|----|------------------|
| S11 | 85 | ("2615135" "2818507" "2919348" "3511986" "3619605" "3621240" "3648046" "4019989" "4163151" "4167668" "4315153" "4517462" "4761545" "4885500" "4931640" "5019706" "5047723" "5144127" "5281494" "5298745" "5373157" "5420424" "5455417" "5492867" "5536939" "5541408" "5644131" "5654544" "5723861" "5736739" "5763876" "5789745" "5801379" "5834771" "5852302" "5965882" "6049052" "6051832" "6124592" "6157029" "6157031" "6188167" "6262416").PN. OR ("6495823"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 08:42 |
| S15 | 381 | S12 or S13 or S14 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 08:43 |
| S13 | 73 | 204/644.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 08:43 |
| S16 | 40 | ("3657106" "3686089" "3788959" "3989613" "4043896").PN. OR ("4362612").URPN. | US-PGPUB; USPAT; USOCR | OR · | ON | 2007/06/01 08:52 |
| S14 | 128 | 204/645.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 10:23 |
| S18 | 1 | "20040256230" | US-PGPUB | OR | ON | 2007/06/01 13:37 |
| S12 | 195 | 204/643.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 14:38 |
| S19 | 436 | EFFF | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 15:14 |
| S20 | 6 | S19 and IEF | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 15:31 |
| S21 | 2 | S19 and isoelectric | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 15:38 |
| S22 | 100 | "field flow fractionation" and isoelectric | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 15:40 |
| S23 | 0 | S22 and (natural near3 ampholyte) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 15:41 |

| S25 | 23 | S22 and (pH adj gradient) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 15:48 |
|-----|------|---|------------------------------|----|----|------------------|
| S24 | 0 | S22 and (free near3 ampholyte) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/01 15:48 |
| S28 | 8107 | ((initial with concentration) same ((determin\$6 or detect\$4 or measur\$6) and (particle or cell or sample))) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 10:00 |
| S29 | 2089 | ((initial with concentration) with ((determin\$6 or detect\$4 or measur\$6) and (particle or cell or sample))) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 10:01 |
| S31 | 6 | S28 and (204/643-645.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 10:02 |
| S30 | . 1 | S29 and (204/643-645.ccls.) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 10:02 |
| S32 | 223 | ("2835632" "2872407" "3152062" "3966575" "4001102" "4146454" "4164460" "4181589" "4201643" "4226688").PN. OR ("4390403"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 11:13 |
| S34 | 92 | 204/548.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:34 |
| S33 | 186 | 204/547.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:34 |
| S39 | 50 | S34 not S38 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:35 |
| S38 | 73 | 204/644.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:35 |
| S37 | 36 | S33 not S36 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:35 |
| S36 | 195 | 204/643.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:35 |
| S35 | 122 | 204/549.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:35 |
| S42 | 146 | S37 or S39 or S41 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:36 |
| S41 | 64 | S35 not S40 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:36 |

| S40 | 128 | 204/645.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 15:36 |
|-----|-----|---|------------------------------|------|------|------------------|
| S44 | 1 | "5630924".pn. | USPAT | OR | ON | 2007/06/02 17:38 |
| S17 | 12 | ("3340471" "3515884" "3688191" "371 0933" "3783376" "3958177" "4070617" "4375615" "4564803" "4891575" "590 5214" "6417658").PN. | USPAT | OR | ON | 2007/06/02 17:38 |
| S45 | 1 | "6,067,157".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 17:46 |
| S43 | 29 | (EFFF or ((field adj flow) adj fractionation)) and ("pH gradient") | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 17:46 |
| S47 | 1 | "6159739".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 17:55 |
| S48 | 76 | (EFFF or ((field adj flow) adj fractionation)) and sheath | US-PGPUB; USPAT; USOCR | OR | . ON | 2007/06/02 17:57 |
| S46 | 26 | (EFFF or ((field adj flow) adj fractionation)) and "sheath flow" | US-PGPUB; USPAT; USOCR | OR " | ON | 2007/06/02 17:57 |
| S49 | 50 | S48 not S46 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 17:59 |
| S51 | 13 | 204/643-645.ccls. and ((laminar with flow) with electrode) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 18:01 |
| S50 | 15 | 204/643-645.ccls. and sheath | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 18:01 |
| S53 | 28 | S52 and "204".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 18:27 |
| S52 | 239 | ((DC adj power) adj supply) with (polarity and (chang\$4 or revers\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 18:27 |
| S27 | 55 | (EFFF or ((field adj flow) adj fractionation)) and ((initial with concentration) same (determin\$6 or detect\$4 or measur\$6)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 20:33 |
| S54 | 85 | (EFFF or ((field adj flow) adj fractionation)) and ((initial with concentration)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 20:34 |
| S56 | 8 | (EFFF or ((field adj flow) adj fractionation)) and ((initial near2 concentration) with (calculat\$4 or extrapolat\$4 or measur\$4 or quantitat\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 20:35 |

| S55 | 53 | (EFFF or ((field adj flow) adj fractionation)) and ((initial near2 concentration)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/02 20:36 |
|-----|--------|--|------------------------------|------|----|------------------|
| S57 | 4422 | (detect\$4 with position with charge\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:07 |
| S2 | 5 | "Le Febre".in. and electrophore\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:07 |
| S59 | 336 | (detect\$4 near5 position with (charg\$3 adj particle)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:08 |
| S58 | 521 | (detect\$4 with position with (charg\$3 adj particle)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:08 |
| S63 | 156694 | (detect\$4 near2 position) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:54 |
| S62 | 223348 | (detect\$4 near5 position) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:54 |
| S60 | 231 | (detect\$4 near5 position near5 (charg\$3 adj particle)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:54 |
| S61 | 13 | S60 and (electrode and (channel or microchannel) and inlet) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:55 |
| S65 | . 268 | S62 and ((electrode and inlet) with (channel or microchannel)) | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/06/05 10:56 |
| S64 | 437 | S62 and ((electrode with (channel or microchannel)) and inlet) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:56 |
| S66 | 15 | S65 and (pH adj gradient) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 10:57 |

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|-----|-----|--|------------------------------|-----|-----|------------------|
| S67 | 67 | ("4390403" "4444879" "4908112" "5010175" "5126022" "5271724" "5277556" "5288514" "5375979" "5498392" "5506337" "5519134" "5525735" "5536382" "5539083" "5549974" "5569588" "5571398" "5571410" "5585069" "5587128" "5593838" "5593853" "5603351" "5635358" "5637469" "5699157" "5716852" "5750015" "5766848" "5779868" "5800690" "5842787" "5852495" "5876675" "5880071" "5882465" "5885470" "5942443" "5948227" "5955028" "5957579" "5958203" "5958694" "5959291" "5964995" "5965001" "5965410" "5972187" "5976336" "5989402" "6001231" "6004515" "6011252" "6012902" "6042710" "6046056" "6080295" "6103199" "6103537" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 11:00 |
| 000 | 400 | "6274337").PN. | LICDAT | 0.0 | ON. | 0007/00/05 44 40 |
| S68 | 130 | ("5699157").URPN. | USPAT | OR | ON | 2007/06/05 11:16 |
| S69 | 18 | "5699157" and (IEF or (pH adj gradient) or isoelectric) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/06/05 14:49 |